PDR RID Report

Originator Sue Barry
Phone No (818)354-9126
Organization JPL/MISR
E Mail Address sue.barry@jpl.nasa.gov

Document

RID ID PDR 62
Review FOS
Originator Ref SB002
Priority 2

Section **Page** **Figure Table**

Category Name Design **Actionee** HAIS

Sub Category

Subject Capability to Store Temporary Changes

Description of Problem or Suggestion:

Does the FOS design provide for the ability to allow users to store temporary changes? IST users for example may shut down the IST during breaks, but would not necessarily want to lose temporary changes that were made during their last session.

Originator's Recommendation

Investigate. If the design does not currently accomodate this feature, assess the impact of providing it.

GSFC Response by: **GSFC Response Date**

HAIS Response by: D. Herring **HAIS Schedule** 1/13/95

HAIS R. E. D. Dunn **HAIS Response Date** 1/18/95

While the Telemetry subsystem baseline and design does not currently provide a mechanism for the saving of temporary configuration changes, the author's request is reasonable and under investigation. As part of our ongoing design efforts we are studying methods of synchronizing and saving telemetry configuration information. It is our current concept that the solution could be applicable to both mirrored and tailored mode telemetry configurations.

This particular functionality could be accomplished in the following ways:

Directive Recorder- User directives will be captured and saved into a file as a named script/procedure. Via replay of this script/procedure, telemetry configuration is recalled to a known state.

Configuration Snapshots- The Resource Management subsystem must provide a mechanism to synchronize the configuration of mirrored mode telemetry processes. As an added capability, we are investigating the feasibility of storing this information for quick recall. A save and recall feature applied to RTS-User Station mirrored mode configuration functionality could potentially be available to tailored mode users.

A design solution providing this capability will be presented at the FOS CDR.

Status **Closed** **Date Closed** **2/1/95** **Sponsor** **Johns**

****** **Attachment if any** ******